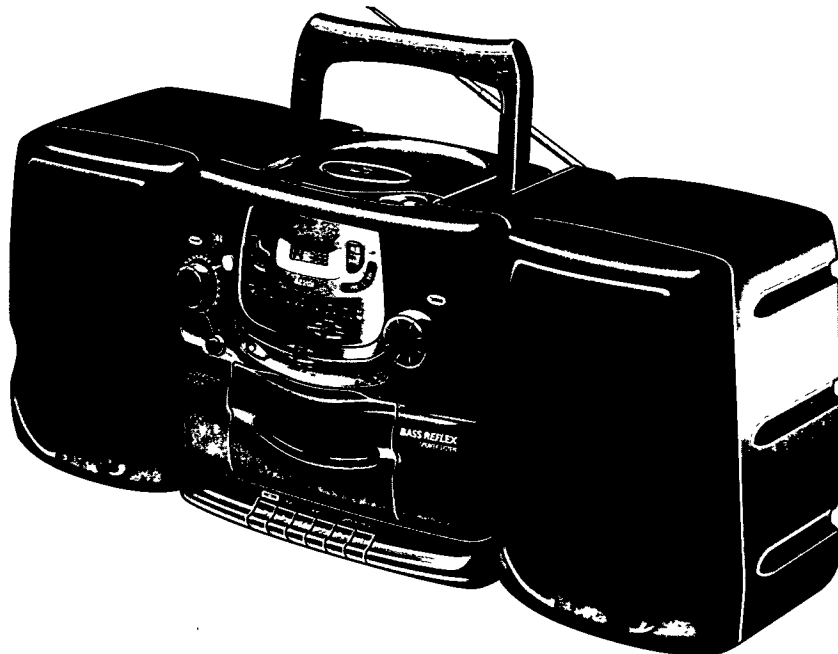


PHILIPS

AZ 2100 Portable CD Mini System



Instructions for use
Mode d'emploi
Instrucciones de manejo
Bedienungsanleitung
Gebruiksaanwijzing
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PHILIPS

Important notes for users in the U.K.

Mains plug

This apparatus is fitted with an approved moulded 13 Amp plug. To change a fuse in this type of plug proceed as follows:

- Remove fuse cover and fuse.
- Fix new fuse which should be a BS1362 5 Amp, A.S.T.A. or BSI approved type.
- Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 5 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 Amp.

Note: The severed plug must be disposed to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

How to connect a plug

The wires in the mains lead are coloured with the following code: blue = neutral (N), brown = live (L). As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:

- Connect the blue wire to the terminal marked N or coloured black.
- Connect the brown wire to the terminal marked L or coloured red.
- Do not connect either wire to the earth terminal in the plug, marked E (or \perp) or coloured green (or green and yellow).

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

Copyright in the U.K.: Recording and playback of material may require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972.

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I Italia

DICHIARAZIONE DI CONFORMITA'

Si dichiara che l'apparecchio AZ 2100 Philips risponde alle prescrizioni dell'art. 2 comma 1 del D. M. 28 Agosto 1995 n. 548.

Fatto a Eindhoven, il 21/03/1996

Philips Sound & Vision
Philips, Glaslaan 2, SFF 10
5616 JB Eindhoven, The Netherlands

N NORGE

Typeskilt finnes på apparatens underside

Observer: Nettbryteren er sekundert innkoplet.
Den innebygde nettdelen er derfor ikke frakoplet nettet så
lenge apparatet er tilsluttet nettkontakten.

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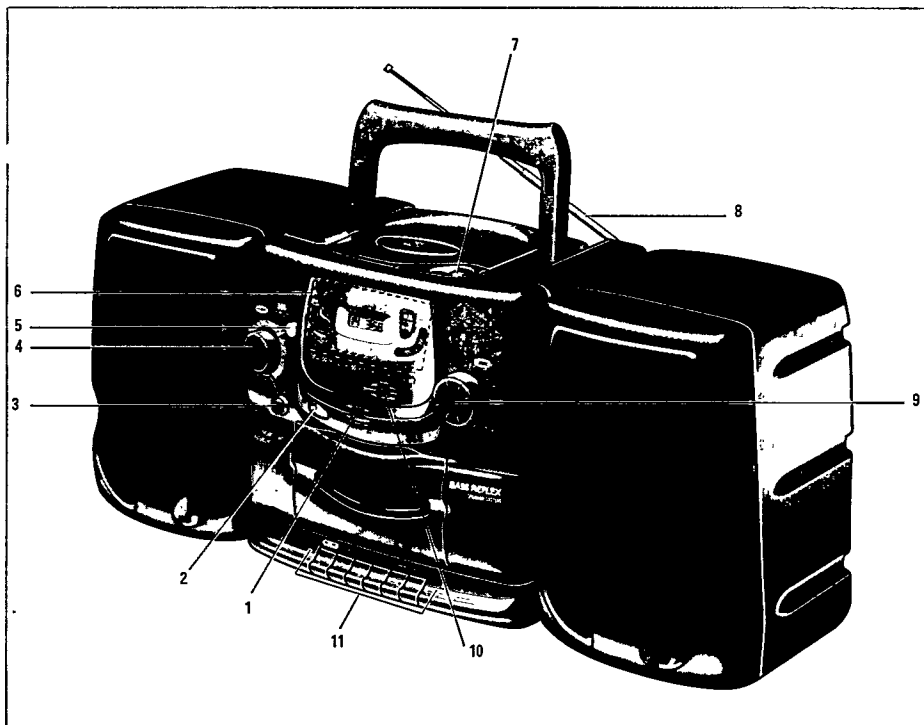
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FRONT PANEL

- ① **SOURCE SELECTOR** - To select the source of sound: CD-TUNER-TAPE/OFF and to switch the POWER ON/OFF
- ② 3.5 mm headphone socket
- ③ **TONE CONTROL** - To adjust the emphasis on high or low tones
- ④ **VOLUME** - To adjust the volume level
- ⑤ **DBB Dynamic Bass Boost** - To increase the bass level

CD PLAYER

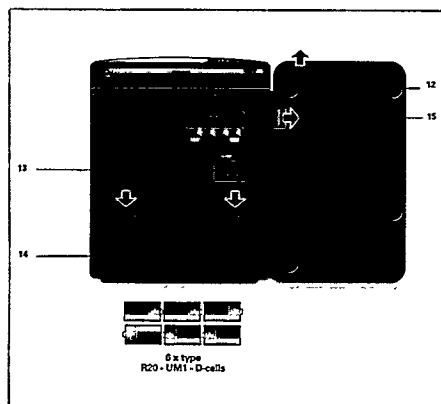
- ⑥ **PLAY•PAUSE** - To start or interrupt CD playback
- STOP** - To stop playback or erase a program
- SEARCH** - To skip or search a passage or a track
- MODE** - e.g. to SHUFFLE or REPEAT playback
- PROGRAM** - To program track numbers and to review the program
- ⑦ **OPEN** - To open the CD door

TUNER

- ⑧ **TELESCOPIC AERIAL** - To improve FM radio reception
- ⑨ **TUNING** - To tune to stations
- ⑩ **FM-LW-MW** - To select the wave band

CASSETTE RECORDER

- ⑪ **RECORD** - To start recording
- PLAY** - To start playback
- To fast rewind the tape
- To fast forward the tape
- STOP•OPEN** - To stop playback and open the cassette compartment
- PAUSE** - To interrupt recording or playback



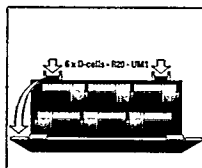
BACK PANEL

- ⑫ **SPEAKERS** - Loudspeaker terminals
- ⑬ **MAINS** - Socket for mains lead
- ⑭ **BATTERY DOOR** - To open the battery compartment
- ⑮ **SPEAKER LEVERS** - To unlock the speaker boxes

POWER SUPPLY

Batteries

Whenever convenient, use the mains supply if you want to conserve battery life. Make sure you remove the mains lead from the set and the wall socket before inserting batteries.

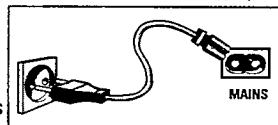


- Open the battery compartment and insert as shown six batteries, type R20, UM1 or D-cells.
- Close the compartment door, making sure the batteries are firmly and correctly in place.
- Remove the batteries if exhausted or if they will not be used again for a long period.
- The incorrect use of batteries can cause electrolyte leakage and will corrode the compartment or cause the batteries to burst. Therefore:
- Do not mix battery types, e.g. alkaline with zinc carbonate.
- When inserting new batteries, replace all six batteries the same time.

Note: The battery supply is switched off when the set is connected to the mains.

Mains

- Check if the mains voltage as shown on the type plate (on the base of the set) corresponds to your local mains voltage. If it does not, consult your dealer or service organisation.



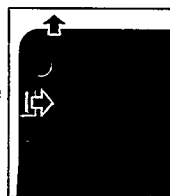
- Connect the mains lead to the MAINS outlet (MAINS-) and the wall socket.
 - The set is now ready to use.
 - To switch off the mains supply completely, pull the mains plug out of the wall socket.
 - Disconnect the mains lead when you change over to battery supply, or to protect the set during heavy thunderstorms.
- For users in the U.K.: Please follow the instructions on page 2.

REMOVABLE SPEAKERS

Taking off the speakers

- Keep the levers (found on the back corners of the speakers) pressed and slide the speaker upwards.

The ideal position is obtained when the 2 front speakers and the listening position build an equilateral triangle and the speakers are at ear-height.



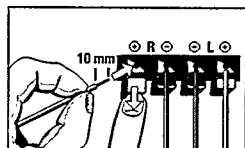
Note: Speakers with an impedance of 4 ohms or higher other than as supplied may be used instead. Do not, however, use speakers with a lower impedance as this will result in damage to your set.

Attaching the speakers

- Slide the speakers from above in the sleeves on the sides of the set cabinet. The speakers will click into position.

Connecting the speakers

- Connect the right speaker to the terminal R, with the red marked wire to + and the black wire to the –.



- Clip the exposed portion of wire into the corresponding colour terminal.
- Repeat the wiring procedure for the left speaker to terminal L, making sure that you connect the red wire to + and the black to –.

GENERAL OPERATION

- To switch on the set, use the source selector.
- Adjust the sound using the VOLUME, TONE and DBB controls.
- To switch off the set, set the source selector to TAPE/OFF position, with the cassette keys released.



TUNER

- Set the source selector to TUNER.
- Adjust the sound using the VOLUME controls.
- Select the wave band using the FM-MW-LW selector.
- Tune to a radio station using the TUNING knob.
- For FM, pull out the telescopic aerial. To improve FM-reception, incline and turn the aerial. Reduce its length if the FM-signal is too strong (very close to a transmitter).
- For MW (AM) and LW, the set is provided with a built-in aerial, so the telescopic aerial is not needed. Direct the aerial by turning the whole set.

CD PLAYER

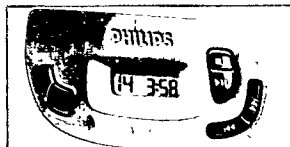
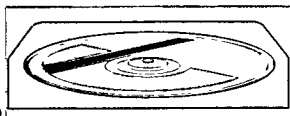
CD DISPLAY INDICATION



- Total track number and playing time: in stop position.
- Current track number and elapsed playing time: during CD play.
- **SHUFFLE/REPEAT** mode: when the respective mode is activated.
- **PROGRAM**: when program function is active.
- **door**: when the CD door is open.
- **P**: (PROGRAM) when a track is stored.
- **F**: (FULL) maximum number of tracks is stored.
- **C**: (CLEAR) when PROGRAM is erased.
- **No diSC**: error in CD operation or with the CD (see Troubleshooting)

PLAYING A CD

- Set the source selector to CD.
- Press OPEN to open the CD door.
- Insert the AUDIO CD, printed side facing up.
- To close the CD door, push the door down.
- Playback will start by pressing **PLAY • PAUSE ►||**.
- Adjust the sound using the VOLUME, TONE and DBB controls.
- To interrupt playback, press **PLAY • PAUSE ►||**.
- Press **PLAY • PAUSE ►||** again to continue playback.
- Press **STOP ■** to stop CD playback.
- Set the source selector to TAPE/OFF position to switch off the set.



Note: CD playback will also stop when:

- the CD has reached the end;
- the CD door is opened;
- the source selector is in the TAPE/OFF position.

SELECTING A DIFFERENT TRACK DURING PLAYBACK

- You can jump to the next track by pressing **SEARCH ►►** once. If you want to skip more than one track, press **SEARCH ►►** more than once until the display shows the desired track number.
- If you want to repeat the running track from the beginning, press **SEARCH ◀◀** once. If you want to repeat one of the previous tracks, press **SEARCH ◀◀** more than once until the display shows the required track number.

STARTING WITH A PARTICULAR TRACK

- In the STOP position you can also select the desired track using the **SEARCH ►►** or **◀◀** button.
- Press **PLAY • PAUSE ►||** to start playback.

SEARCHING A PASSAGE WITHIN A TRACK

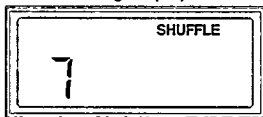
You can search for a passage within a track. The CD is played at low volume and at high speed, however, the sound is still recognizable.

- Keep the **SEARCH ◀◀** or **►►** button pressed during playback, and release the button as soon as you recognize the required passage: normal CD playback will resume from this point.

PLAYING TRACKS IN RANDOM ORDER – SHUFFLE MODE

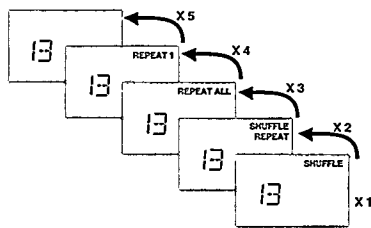
The SHUFFLE mode allows you to play all tracks on the CD in a random order.

- Press **MODE** *once* before or during CD playback.
- The display will show SHUFFLE.
- During playback you can use **SEARCH** ◀◀ or ▶▶ to select another random track.
- To leave the SHUFFLE mode, press the **MODE** button repeatedly (four times).



REPEATING THE ENTIRE CD OR ONE TRACK – REPEAT

- Press **MODE** until the desired option is displayed:



MODE

REPEAT 1 - to continuously repeat the current track

REPEAT ALL - to repeat the entire CD

PROGRAM REPEAT ALL - to repeat the programmed tracks

SHUFFLE REPEAT - to repeat the CD continuously in random order

- The options can also be changed during **PLAY**.
- To return to normal playback, press **MODE** until the display shows no SHUFFLE/REPEAT mode indication.

PROGRAMMING TRACK NUMBERS

You may store at most 20 tracks in the memory in the desired sequence. You may store any track more than once. If you have stored 20 tracks, the display will show **F** to indicate that the memory is full.

Programming track numbers

- Select the desired track using **SEARCH** ◀◀ or ▶▶ until the display shows the required track number.
- Store the desired track by pressing **PROGRAM** *once*.
- Select and store all desired tracks of a CD in this way.

Checking the program

- To review the set program, press **PROGRAM** more than 2 seconds.
- The display will show the track numbers you have selected in sequence.

Erasing a program

- You can erase the contents of the memory:
 - by pressing **STOP** ■ during programming.
 - in the **STOP** position by pressing **STOP** ■ again;
 - in the **PLAY** mode by pressing **STOP** ■ twice;
 - by opening the CD door.

CASSETTE RECORDER

CASSETTE PLAYBACK

- Set the source selector to **TAPE**.
- Press **STOP** • **OPEN** ■ ▲ to open the cassette holder.
- Insert a recorded cassette.
- Press **PLAY** ▶ and playback will start.
- Adjust the sound using the **VOLUME**, **DBB** and **TONE** controls.
- For brief interruptions, press **PAUSE** ||. Press this key once more to resume playback.
- By pressing ◀◀ or ▶▶, fast winding of the tape is possible in both directions.
- To stop playback, press **STOP** • **OPEN** ■ ▲.
- When the end of the tape is reached, the cassette keys are released.

Cassette recorder

CASSETTE RECORDING

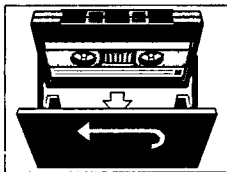
General information on cassette recording

- Recording is permissible insofar as copyright or other rights of third parties are not infringed.
- This deck is *not suited* for recording on CHROME (IEC II) or METAL (IEC IV) type cassettes. For recording you should use NORMAL type cassettes (IEC I) on which the tabs have not been broken.
- The recording level is set automatically. Altering the VOLUME, DBB or TONE will not affect the recording in progress.
- No recording will take place during the first 7 seconds, when the leader tape passes the recorder heads.
- To prevent the accidental erasure of a recording, keep the cassette side to be safeguarded in front of you and break out the left tab. Now recording on this side is no longer possible. To render this safeguard ineffective, cover the tabs with a piece of adhesive tape



Recording from the radio

- Press STOP • OPEN ■ ▲ to open the cassette holder.
- Insert a recordable cassette with the full reel on the left-hand side.
- Set the source selector to TUNER.
- Tune to the desired station (see radio reception).
- Press RECORD ● to start recording.
- For brief interruptions, press PAUSE II.
- To resume recording, press this key again.
- To stop, press STOP • OPEN ■ ▲.



CD synchro - recording from the CD-player

- Set the SOURCE selector to CD.
- Insert a CD and if desired, program track numbers.
- Insert a recordable cassette with the full reel on the left-hand side.
- Press RECORD ● to start recording.
- Playing of the CD program starts automatically from the beginning of the program. *It is not necessary to start the CD player separately.*
- For brief interruptions, press PAUSE II.
- To resume recording, press this key again.
- To stop recording press STOP • OPEN ■ ▲.

To select and record a particular passage within a track

- Press SEARCH ◀◀ or ▶▶ to select a passage.
- Put the CD player in PAUSE II position at the selected passage.
- Recording will start from this exact point when you press RECORD ●.

Starting and stopping the recording

- Set the SOURCE selector to TAPE.
- Press STOP • OPEN ■ ▲ to open the cassette holder.
- Insert the cassette with the full reel on the left-hand side.
- Start recording by pressing RECORD ●. There is no need to press the PLAY ► key. This will happen automatically.
- To record on the other side of the cassette, turn it over by hand, rewind it to the beginning and press RECORD ●.

PRECAUTIONS

- Place the set on a hard and flat surface so that it does not tilt.
- Before replacing or removing the batteries, always switch off the set first and wait until the CD display goes out.
- Do not cover the set, because the amplifier produces heat which must dissipate freely, so make sure that there is sufficient ventilation around the set. A minimum gap of 15 cm is necessary.

GENERAL MAINTENANCE

- The mechanical parts of the CD player and the cassette deck contain self-lubricating bearings and must not be oiled or lubricated.
- A chamois leather slightly moistened with water is sufficient for cleaning the housing.
- Do not use cleaning agents containing alcohol, spirits, ammonia or abrasives as these may harm the housing.
- Do not leave the set, CDs, batteries or cassettes to humidity, rain, sand, direct sunlight or other places where high temperatures can occur, such as in the vicinity of heating apparatus or in motor cars parked in the sun.

CD PLAYER MAINTENANCE

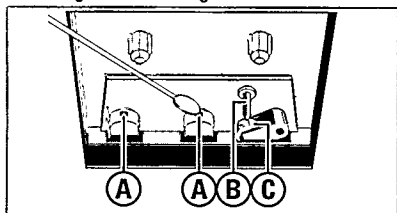
- The lens may cloud over if the CD player is moved from cold to warm surroundings. The CD player will not start. Give the player some time to acclimatise.
- Keep the CD compartment free of dust using a clean cloth.

RECORDER MAINTENANCE

To ensure a good recording and playback quality, clean the indicated parts (A), (B) and (C) after every 50 hours of operation or, on average, once a month. Use a cotton bud slightly moistened with alcohol or a special head cleaning fluid.

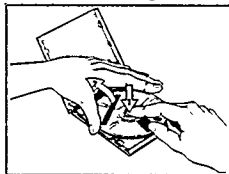
- Press **PLAY** ► and clean the rubber pressure rollers (C).
- Then press **PAUSE** II and clean the capstans (B) and the heads (A).
- After cleaning, press **STOP** • **OPEN** ■ ▲.

Cleaning of the heads (A) can also be done by playing a cleaning cassette through once.

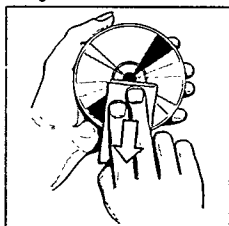


CD HANDLING

- Use Digital Audio CDs only.
- To take the CD out of its box easily, press the centre spindle while lifting the CD



- Never write on a CD or attach any sticker to the CD.
- Always hold the CD at the edge and always store it in its box after use, label facing up.
- The lens of the CD player should never be touched.
- Do not use cleaning agents to clean a CD as this may damage the CD. To remove dust and dirt breathe on the CD and wipe it with a soft, lint-free cloth in a straight line from the centre towards the edge.



RECYCLING

Please observe the local regulations regarding the disposal of packing materials, exhausted batteries and old equipment.

- Your set consists of materials which can be recycled if disassembled by a specialized company.
- All redundant packaging material has been omitted. We have done our utmost to make the packaging easily separable into three mono-materials:
 - cardboard (box)
 - expandable polystyrene (buffer)
 - polyethylene (bags, protective foam sheet)
- Do not dispose of exhausted batteries with your household waste.

Troubleshooting

If a fault occurs, first check the points listed below before taking the set for repair.

If you are unable to remedy a problem by following these hints, consult your dealer or service centre.

WARNING:

Under no circumstances should you try to repair the set yourself, as this would invalidate the guarantee.

PROBLEM

- POSSIBLE CAUSE
- REMEDY

Set does not react to any button

- *Electrostatic discharge*
- Switch off the set, disconnect the power plug, reconnect after a few seconds.

Display does not function properly

- *Electrostatic discharge*
- Switch off the set, disconnect the mains plug, reconnect after a few seconds.
- *Set runs on batteries*
- Switch to AC power

No sound

- *VOLUME is not adjusted*
- Adjust the VOLUME
- *Headphones are connected*
- Disconnect headphones
- *Batteries are exhausted*
- Insert fresh batteries
- *Batteries are incorrectly inserted*
- Insert the batteries correctly
- *Mains lead is not securely connected*
- Connect the mains lead properly

Bad sound

- *Unsuited speakers are used*
- Use bypacked speakers
- *Batteries are exhausted*
- Replace batteries

No sound on left or right side

- *Speaker wrongly connected*
- Connect speaker properly

Reversed left and right sound

- *Speakers are wrongly connected*
- Connect speakers properly, L to left, R to right

Severe radio hum or noise

- *Set too close to TV, VCR or computer*
- Increase the distance

Poor radio reception

- *Weak radio aerial signal*
- FM: aim and extend the telescopic aerial for best reception;
- MW/LW: rotate the entire set.

Poor cassette sound quality

- *Dust and dirt on the heads, capstan or pressure roller*
- Clean the heads etc., see Maintenance

Recording does not work

- *Cassette tab(s) may be broken out*
- Apply a piece of adhesive tape over the missing tab space

CD playback does not work

- *CD is badly scratched or dirty*
- Replace or clean the CD, see Maintenance
- *No CD inserted*
- Insert CD
- *CD inserted upside down*
- Insert CD with printed side facing up
- *Laser lens is steamed up*
- Wait until lens has acclimatized

The CD skips tracks

- *CD is damaged or dirty*
- Replace or clean the CD
- *PROGRAM/SHUFFLE is active*
- Switch off the PROGRAM/SHUFFLE function

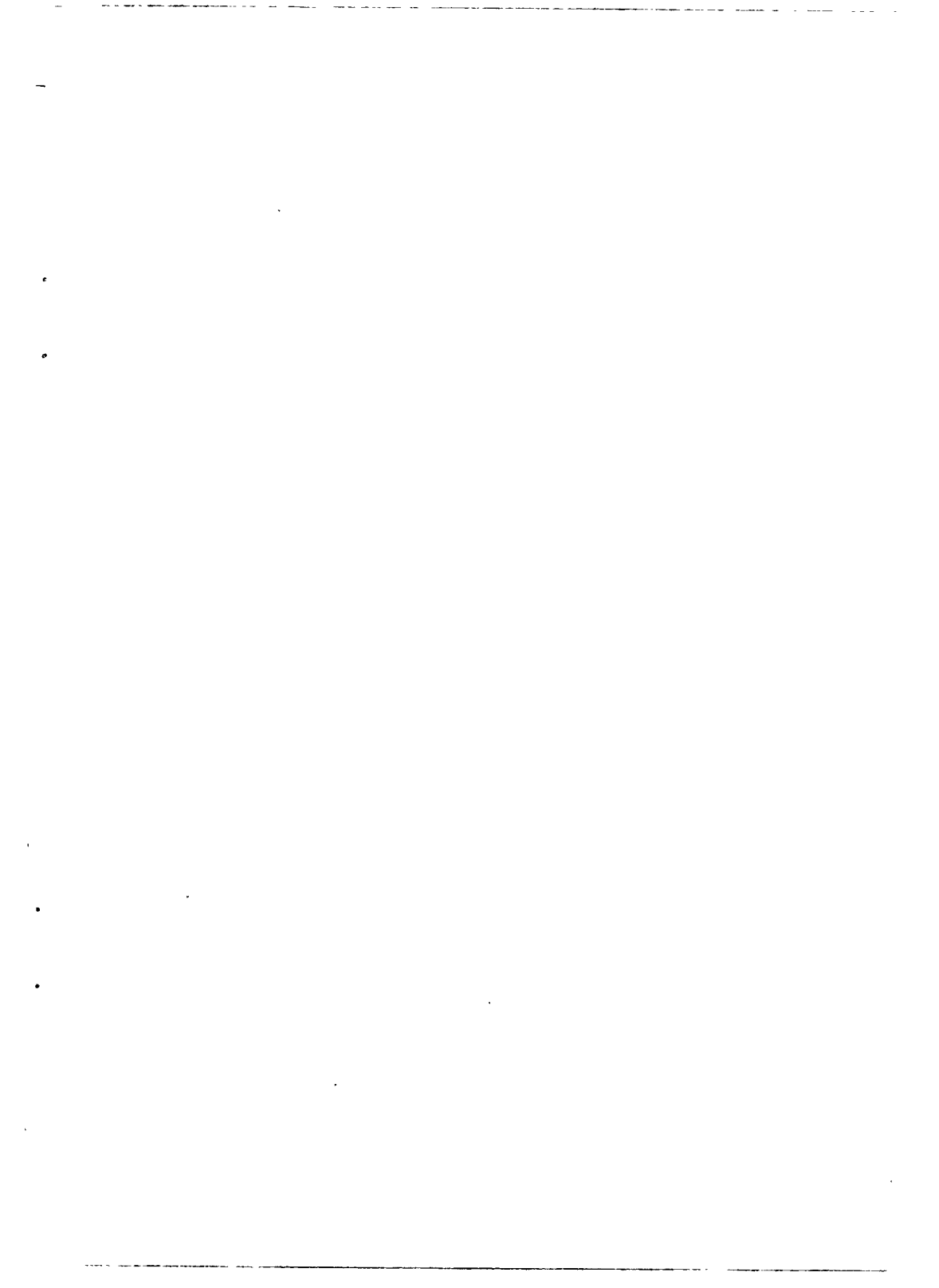
The model number can be found at the bottom of the set and the production number in the battery compartment.

This product complies with the radio interference requirements of the European Community.

Warning

Invisible laser radiation when open and interlocks defeated. Avoid exposure to beam.





AZ 2100 Portable CD Mini System

